



SEQUENCE LISTING

<1> ANDERSON, DARRELL R.
HANNA, NABIL
LEONARD, JOHN E.
NEWMAN, ROLAND A.
REFF, MITCHELL E.
RASTETTER, WILLIAM H.

<120> THERAPEUTIC APPLICATION OF CHIMERIC AND RADIOLABELED
ANTIBODIES TO HUMAN B LYMPHOCYTE RESTRICTED
DIFFERENTIATION ANTIGEN FOR TREATMENT OF B CELL
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<150> 08/475,813

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<150> 08/149,099

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<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

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47

<210> 4

<211> 30

<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 4
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<210> 5
<211> 384
<212> DNA
<213> Mus musculus

<220>
<221> CDS
<222> (1)..(384)

<220>
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<222> (1)..(66)

<220>
<221> mat_peptide
<222> (67)..(384)

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gtc ata atg tcc aga gga caa att gtt ctg tcc cag tct cca gca atc 96
Val Ile Met Ser Arg Gly Gln Ile Val Leu Ser Gln Ser Pro Ala Ile
-5 -1 1 5 10

ctg tct gca tct cca ggg gag aag gtc aca atg act tgc agg gcc agc 144
Leu Ser Ala Ser Pro Gly Glu Lys Val Thr Met Thr Cys Arg Ala Ser
15 20 25

tca agt gta agt tac atc cac tgg ttc cag cag aag cca gga tcc tcc 192
Ser Ser Val Ser Tyr Ile His Trp Phe Gln Gln Lys Pro Gly Ser Ser
30 35 40

ccc aaa ccc tgg att tat gcc aca tcc aac ctg gct tct gga gtc cct 240
Pro Lys Pro Trp Ile Tyr Ala Thr Ser Asn Leu Ala Ser Gly Val Pro
45 50 55

gtt cgc ttc agt ggc agt ggg tct ggg act tct tac tct ctg acc atc 288
Val Arg Phe Ser Gly Ser Gly Ser Gly Thr Ser Tyr Ser Leu Thr Ile
60 65 70

agc aga gtg gag gct gaa gat gct gcc act tat tac tgc cag cag tgg 336
Ser Arg Val Glu Ala Glu Asp Ala Ala Thr Tyr Tyr Cys Gln Gln Trp
75 80 85 90

act agt aac cca ccc acg ttc gga ggg ggg acc aag ctg gaa atc aaa 384
Thr Ser Asn Pro Pro Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys
95 100 105

<210> 6
<211> 27
<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

<400> 6

gcggctccca cgcgtgtcct gtcccag

27

<210> 7

<211> 29

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

<400> 7

ggstgttgtag ctagctgmrg agacrgtga

29

<210> 8

<211> 420

<212> DNA

<213> Mus musculus

<220>

<221> CDS

<222> (1)..(420)

<220>

<221> sig_peptide

<222> (1)..(57)

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<222> (58)..(420)

<400> 8

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gtc	ctg	tcc	cag	gta	caa	ctg	cag	cag	cct	ggg	gct	gag	ctg	gtg	aag	96
Val	Leu	Ser	Gln	Val	Gln	Leu	Gln	Gln	Pro	Gly	Ala	Glu	Leu	Val	Lys	
	-1	1				5						10				

cct	ggg	gcc	tca	gtg	aag	atg	tcc	tgc	aag	gct	tct	ggc	tac	aca	ttt	144
Pro	Gly	Ala	Ser	Val	Lys	Met	Ser	Cys	Lys	Ala	Ser	Gly	Tyr	Thr	Phe	
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acc	agt	tac	aat	atg	cac	tgg	gta	aaa	cag	aca	cct	ggt	cgg	ggc	ctg	192
Thr	Ser	Tyr	Asn	Met	His	Trp	Val	Lys	Gln	Thr	Pro	Gly	Arg	Gly	Leu	
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Glu	Trp	Ile	Gly	Ala	Ile	Tyr	Pro	Gly	Asn	Gly	Asp	Thr	Ser	Tyr	Asn	
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cag aag ttc aaa ggc aag gcc aca ttg act gca gac aaa tcc tcc agc 288
Gln Lys Phe Lys Gly Lys Ala Thr Leu Thr Ala Asp Lys Ser Ser Ser
65 70 75

aca gcc tac atg cag ctc agc agc ctg aca tct gag gac tct gcg gtc 336
Thr Ala Tyr Met Gln Leu Ser Ser Leu Thr Ser Glu Asp Ser Ala Val
80 85 90

tat tac tgt gca aga tcg act tac tac ggc ggt gac tgg tac ttc aat 384
Tyr Tyr Cys Ala Arg Ser Thr Tyr Tyr Gly Gly Asp Trp Tyr Phe Asn
95 100 105

gtc tgg ggc gca ggg acc acg gtc acc gtc tct gca 420
Val Trp Gly Ala Gly Thr Thr Val Thr Val Ser Ala
110 115 120

<210> 9
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Consensus
Kozak sequence

<400> 9
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<210> 10
<211> 128
<212> PRT
<213> Mus musculus

<400> 10
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-5 -1 1 5 10
Leu Ser Ala Ser Pro Gly Glu Lys Val Thr Met Thr Cys Arg Ala Ser
15 20 25
Ser Ser Val Ser Tyr Ile His Trp Phe Gln Gln Lys Pro Gly Ser Ser
30 35 40
Pro Lys Pro Trp Ile Tyr Ala Thr Ser Asn Leu Ala Ser Gly Val Pro
45 50 55
Val Arg Phe Ser Gly Ser Gly Ser Gly Thr Ser Tyr Ser Leu Thr Ile
60 65 70
Ser Arg Val Glu Ala Glu Asp Ala Ala Thr Tyr Tyr Cys Gln Gln Trp
75 80 85 90
Thr Ser Asn Pro Pro Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys
95 100 105

<210> 11
<211> 140
<212> PRT
<213> Mus musculus

<400> 11
Met Gly Trp Ser Leu Ile Leu Leu Phe Leu Val Ala Val Ala Thr Arg
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Val Leu Ser Gln Val Gln Leu Gln Gln Pro Gly Ala Glu Leu Val Lys
 -1 1 5 10

Pro Gly Ala Ser Val Lys Met Ser Cys Lys Ala Ser Gly Tyr Thr Phe
 15 20 25

Thr Ser Tyr Asn Met His Trp Val Lys Gln Thr Pro Gly Arg Gly Leu
 30 35 40 45

Glu Trp Ile Gly Ala Ile Tyr Pro Gly Asn Gly Asp Thr Ser Tyr Asn
 50 55 60

Gln Lys Phe Lys Gly Lys Ala Thr Leu Thr Ala Asp Lys Ser Ser Ser
 65 70 75

Thr Ala Tyr Met Gln Leu Ser Ser Leu Thr Ser Glu Asp Ser Ala Val
 80 85 90

Tyr Tyr Cys Ala Arg Ser Thr Tyr Tyr Gly Gly Asp Trp Tyr Phe Asn
 95 100 105

Val Trp Gly Ala Gly Thr Thr Val Thr Val Ser Ala
110 115 120